

## ABIGAIL MY TRAN

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### OBJECTIVE

Looking for an internship next Summer or Fall, 2017 in the software related field.

### SKILLS

**Programing Language:** Java; Python; C; React Native;  
HTML; CSS; JavaScript  
**Software:** IntelliJ; Pycharm; Django; Unix; Android  
Studio; Google Apps Script

### EDUCATION

**Rochester Institute of Technology**  
Major: B.S in Software Engineer (Honors)  
GPA: 3.84/4.0  
Expected Graduation: May 2020

### PROJECTS

**Mobile Application Alumni Connection** October, 2016 - Present

- Applying React Native on Android Studio to build a native mobile application
- Collaborating with a team of three students to develop the application for Women in Computing's alumni

**Solitaire Chess Game** April - May, 2016

- Designed a Java Solitaire Chess game applying Model – View – Controller model:
  - Executed the game on both JavaFX platform (GUI) and IntelliJ consoler (PTUI) to enhance user interaction
  - Implemented Backtracking algorithm to eliminate invalid chess moves and find the best solution for players

**Diet Manager** April - May, 2016

- Built a Ruby program to manage the Food Database and Diet Log of users:
  - Wrote Ruby script of interactive commands to manage the food database

**Document Analyses** February - March, 2016

- Developed a C program to analyses text documents
  - Applied Double Linked-list and Node structure in C to thoroughly manage elements of the document: words count, words frequency, sentences count, sentences frequency, etc
  - Managed memory using C dynamic memory allocation to minimize memory loss

**Blackout Puzzles** October - November, 2015

- Designed a Python program to solve Blackout puzzles using two different data structures:
  - Applied Stack structure to manage the precedence of numbers and operations effectively
  - Utilized recursion and Binary tree structure to quickly traverse through all possible solutions

### WORK EXPERIENCE

#### Rochester Institute of Technology

- **Academic Support Center** Aug, 2016 - Present  
Academic Tutor  
Assisting students with questions about Science and Computing classes at RIT's public study centers
- **International Students Service** Apr, 2016 – Aug, 2016  
Peer Advisor Leader (PAL)  
Helped facilitate incoming international students' transition to RIT by mailing essential information throughout the summer and welcoming them in three days of the International Orientation

### ACTIVITIES AND LEADERSHIP

- **University Studies Program (USP)** Feb, 2016 – Present  
Ambassador
- **Vietnamese Students Association (VSA)** Feb, 2015 – Present  
Vice-president